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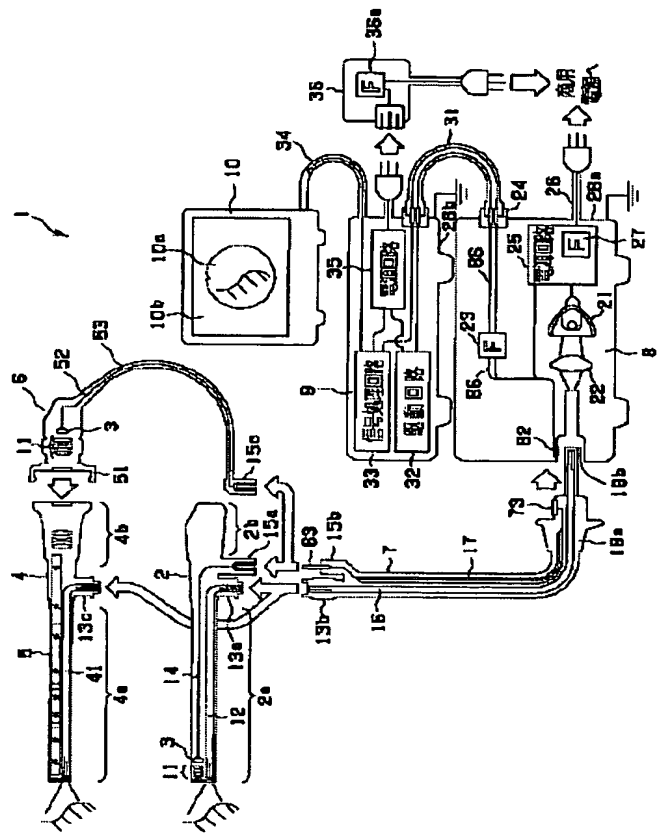
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TITLE : LIGHT SOURCE DEVICE FOR
ENDOSCOPE, CONNECTION CABLE
FOR ENDOSCOPE, AND ENDOSCOPE
APPARATUS



ABSTRACT : PROBLEM TO BE SOLVED: To realize a light source device for an endoscope, a connection cable for the endoscope, and an endoscope apparatus allowing simplification of a connecting work, effective compatibility between an electronic endoscope apparatus and an optical endoscope apparatus, with economic advantageousness, suppression of leaked current of an imaging signal, and securement of withstand voltage.

SOLUTION: The light source device 8 is connected to a cable part 7 selectively connected to the electronic endoscope 2, or the optical endoscope 4 and camera head 6. The cable part 7 has a light guide connector 13b and an electric signal connector 15b, and an integral type plug 18a with one end connected to an integral type receptacle 18b of the light source device 8. The light source device 8 comprises an isolation circuit 23 for transmitting an electric signal and power while keeping electric insulation between the integral type receptacle 18b, and a signal connector 24 and a power supply circuit 25 at a predetermined withstand voltage and leaked current, and an isolation circuit 27 for transmitting power while keeping withstand voltage between the power supply circuit 25 and a commercial power supply.

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